

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	366	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 06:44
S3	339	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch) and (@ad<="20040312")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:39
S4	339	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch) and (@ad<="20040312")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 08:35
S5	186	S4 and ((conductive) same (material))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:42
S6	186	S4 and ((conductive) same (material)) and (deposit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:49
S7	339	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch) and (@ad<="20040312")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 12:42
S8	173	S7 and ((conductive) same (material)) and (deposit\$4) and ((aluminum) or (Al))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 15:08
S9	0	("9590322").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 13:27
S10	1	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch) and (@ad<="20040312") and (dual-frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 13:52
S11	2	(vandroux-laurent.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 08:16

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S12	3	(monchoix-herve.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 08:16
S13	104	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch) and (@ad<="20040312") and (hydrocarbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 08:18
S14	103	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch) and (@ad<="20040311") and (hydrocarbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 15:08
S15	0	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch) and (@ad<="20040311") and (hydrocarbon) and (dual-frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 14:18
S16	1	((amorphous) adj1 (carbon)) and (deposition) and (@ad<="20040311") and (hydrocarbon) and (dual-frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 10:40
S18	0	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch) and (@ad<="20040311") and ((selectivity) near (amorphous) near ((conductive) or (metal)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 11:15
S19	0	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch) and (@ad<="20040311") and ((selectiv\$5) same (amorphous) same ((conductive) or (metal)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 11:09
S20	0	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch) and (@ad<="20040311") and (selectiv\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 11:10
S22	0	((amorphous) adj1 (carbon)) and (etch) and (@ad<="20040311") and (selectiv\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 11:14
S23	919	((amorphous) adj1 (carbon)) and (etch) and (@ad<="20040311") and (selectiv\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 11:16

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S24	0	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch) and (@ad<="20040311") and ((selectivity) near (amorphous) near ((conductive) or (metal)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 11:15
S25	852	((amorphous) adj1 (carbon)) and (etch) and (@ad<="20040311") and (selectiv\$5) and ((metal) or (conductive))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 11:17
S26	34	((amorphous) adj1 (carbon)) same (etch) same (selectiv\$5) same ((metal) or (conductive)) and (@ad<="20040311")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 11:18
S27	339	((amorphous) adj1 (carbon)) and (deposition) and (hard) and (mask) and (etch) and (@ad<="20040312")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 15:11
S28	34	S27 and ((conductive) same (material)) and (deposit\$4) and ((aluminum) or (Al)) and (((ARC) or (anti-reflective)) same ((silicon nitride) or (silicon carbide)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 15:15
S29	15	S27 and ((conductive) same (material)) and (deposit\$4) and ((aluminum) or (Al)) and (((ARC) or (anti-reflective)) same (((silicon) adj1 (nitride)) or ((silicon) adj1 (carbide))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 13:06
S32	511	((etching) same (ablation)) and (radiation) and (electromagnetic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 13:17
S33	8	((etching.ab.) same (ablation)) and (radiation) and (electromagnetic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 13:24
S34	47	((etching.ab.) same (ablation)) and (radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 13:24
S35	1	((amorphous) adj1 (carbon)) and (deposition) and (@ad<="20040311") and (hydrocarbon) and (dual-frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 14:19

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S36	5	((amorphous) adj1 (carbon)) and (deposition) and (@ad<="20040311") and (dual-frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 14:19
S37	1	"6750127".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:17
S38	1	"6673684".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:18
S39	1	"6596553".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:18
S40	1	"6428894".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:19
S41	1	"6388924".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:26
S42	1	"6368924".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:27
S43	1	"6365320".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:27
S44	1	"6350390".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:28
S45	1	"6171343".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:28
S46	1	"6121158".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:28
S47	1	"6030541".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:28
S48	1	"5981398".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:29
S49	1	"5891575".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:31
S50	1	"20020048959".PN.	US-PGPUB	OR	ON	2006/03/24 08:33
S51	1	"6388924".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:34
S52	1	"6368924".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:34
S53	1	"6346747".PN.	USPAT; USOCR	OR	ON	2006/03/24 08:34
S54	22057	((@ad<="20040312") and (carbon with layer) and (dual daj frequenc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 08:36
S55	14	((@ad<="20040312") and ((carbon with layer) same (dual adj frequenc\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 08:37
S56	11	(mask and low-k).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 12:01

## EAST Search History

S57	2033	(ion and beam and apparatus).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 12:02
S58	200	(ion and beam and processing and apparatus).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 12:58
S59	409	(semiconductor and device and grating).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 12:59
S60	1154	gate with conductor with (al or aluminum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 13:57
S61	254	(gate adj conductor) with (al or aluminum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 13:58